

The diagram illustrates a mobile communication system. It features a house (12) at the top center, two communication towers (14) on the left and right, a car (12) at the bottom left, and a mobile phone (12) at the bottom right. An arrow labeled 10 points towards the house. Signal paths are indicated by arrows: 18 for direct paths and 20 for reflected paths. Specifically, paths 18 connect the towers to the house and the car. Paths 20 show signals reflecting off the house and the car between the two towers. A path 20 also connects the car to the mobile phone, and a path 18 connects the mobile phone to the right tower.

1

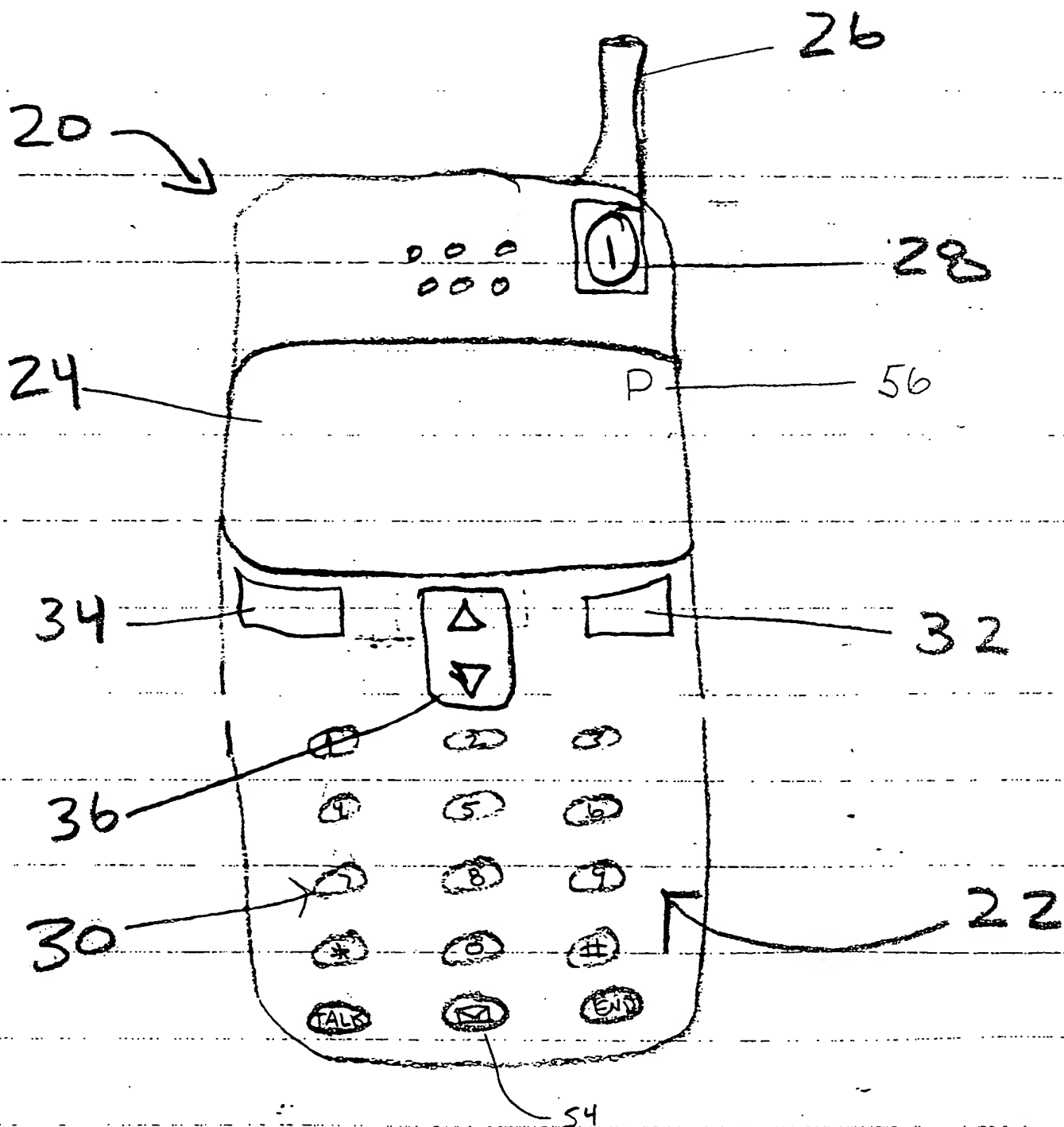


Figure 2

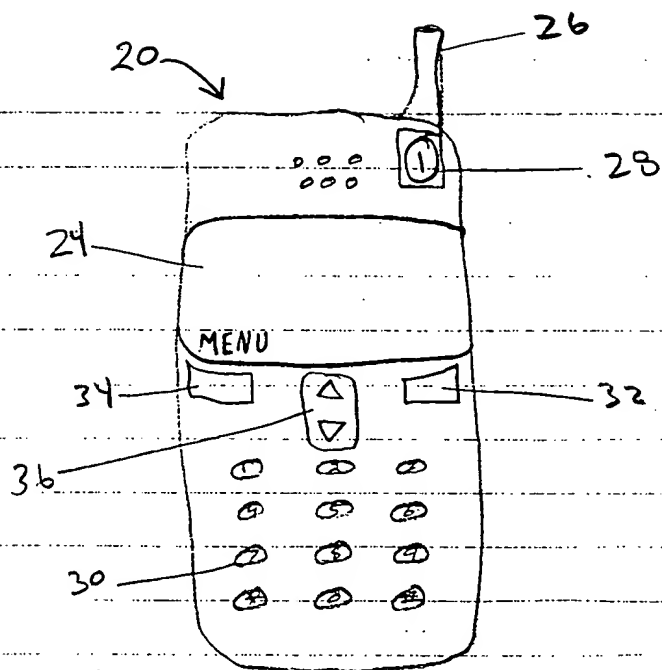


Figure 3a

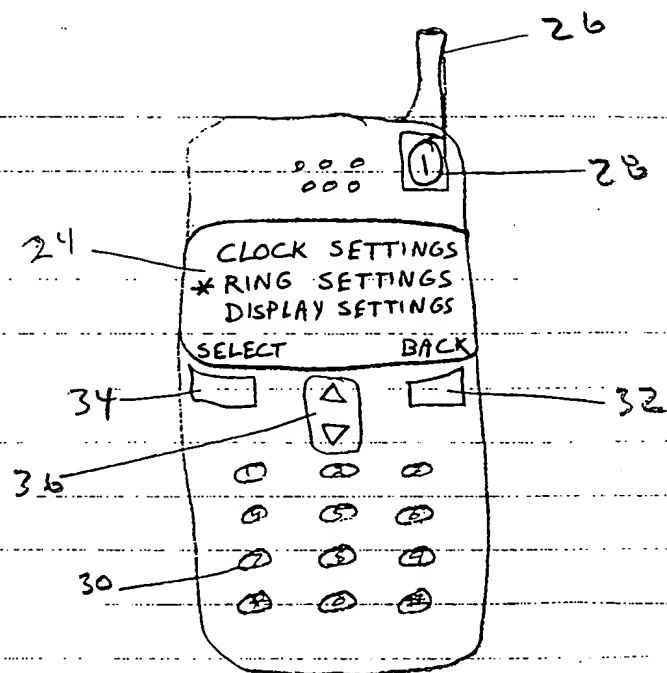


Figure 3c

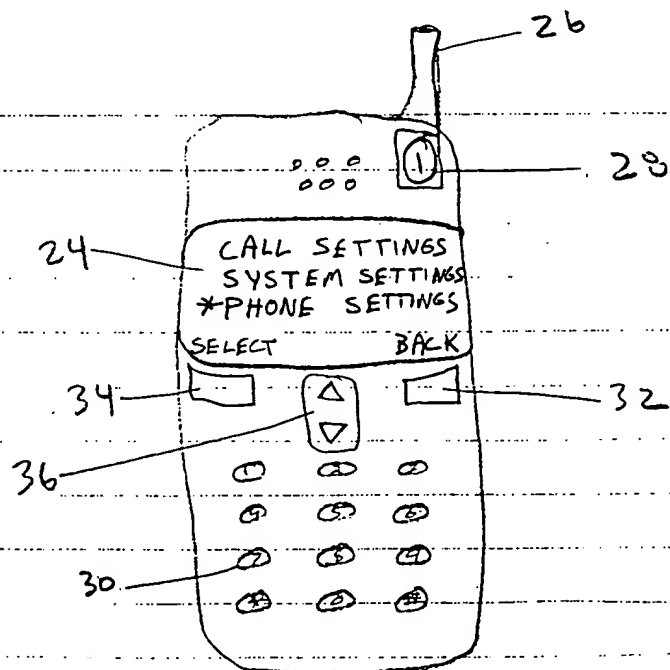


Figure 3b

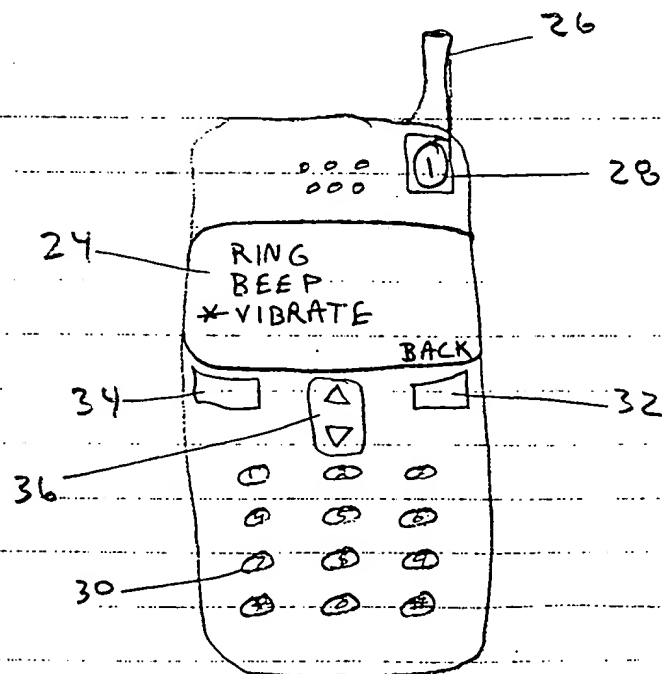


Figure 3d

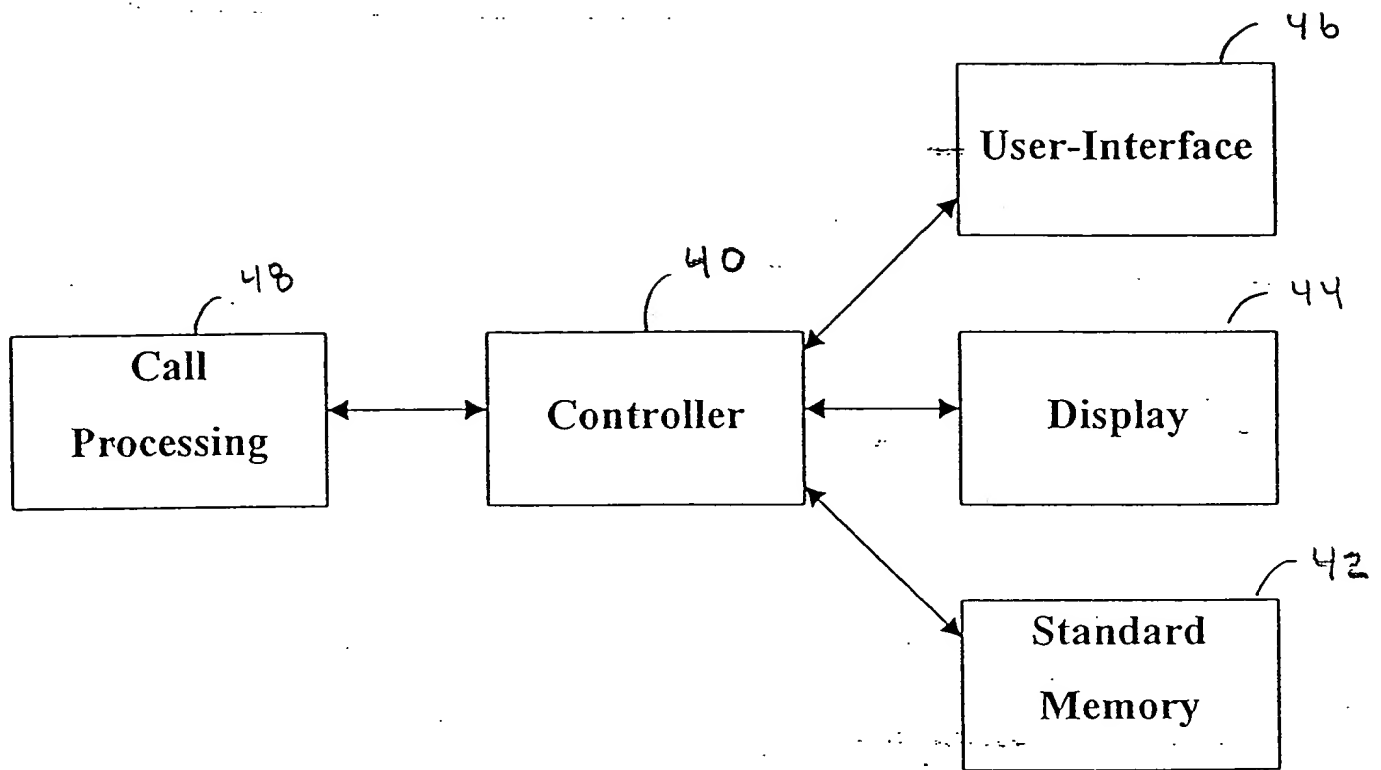


Figure 4

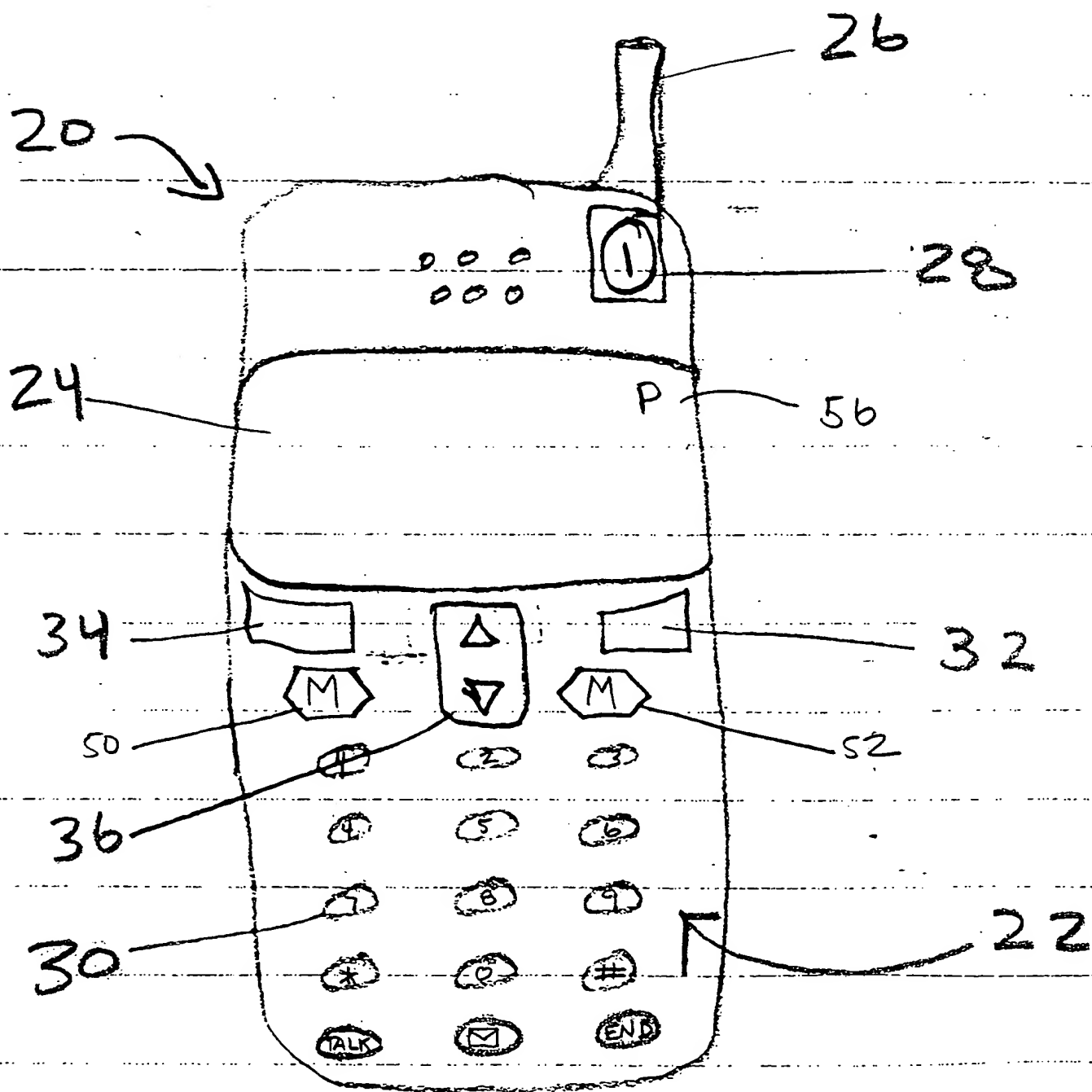


Figure 5